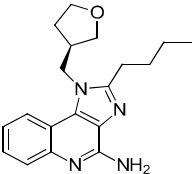




Certificate of Analysis

Axon Catalogue ID:	4465	Batch Number:	1
Product Name:	SMU-L11-R		
Alternative Name(s):	N.A.		
IUPAC Name:	4-Butyl-3-(((R)-perhydro-3-furyl)methyl)-3,5,8-triazatricyclo[7.4.0.0.0 ^{2,6}]trideca-1(13),2(6),4,7,9,11-hexaen-7-ylamine		
Structure:			
		Amount:	
CAS number(s):	3040320-18-8		
Molecular Formula:	C ₁₉ H ₂₄ N ₄ O	Molecular Weight:	324.42
Batch Molecular Formula:	C ₁₉ H ₂₄ N ₄ O	Batch Molecular Weight:	324.42
Appearance:	Off-white solid	Observed mp:	157 - 158 °C
TLC (R_f):	0.4	DCM/MeOH (20:1)	
Chemical Purity:	99.6%		
Optical Purity (ee):	98.2%		
Optical Rotation (Det.):	[α] _D = -13.8° with c = 1 in MeOH		
¹H-NMR:	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 70.34, H 7.46, N 17.27; Found: C 70.23, H 7.36, N 17.26		
Storage Conditions:	Store at -20 °C		
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)
	Water	0.0	0.0
	0.1N NaOH (aq)		
	0.1N HCl (aq)	32.4	>100 mM
	DMSO	10.0	30.8
	EtOH	13.3	41.1
Remarks:			

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only